

Substitute for Form 1449A/PTO (Modified) <small>(use as many sheets as necessary)</small>	Attorney Docket No.: 005965.P009	Application Number: 09/650,412
 <small>OCT 7 0 2003</small>	First Named Inventor: Raja Tuli	Group Art Unit: Unassigned
	Filing Date: August 29, 2000	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			RECEIVED		
		Number	Kind Code ² (If known)	OCT 22 2003	
Q		US4,899,394		Lee	Technology Center 2100
Q		US5,758,110		Boss et al.	05-26-1998
Q		US5,809,415		Rossmann	09-15-1998
Q		US5,838,906		Doyle et al.	11-17-1998
Q		US5,884,014		Huttenlocher et al.	03-16-1999
Q		US5,966,135		Roy et al.	10-12-1999
Q		US5,987,256		Wu et al.	11-16-1999

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Examiner Signature		Date Considered 4/19/04	
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¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 005965.P009	Application Number: 09/650,412
OCT 20 2003 <i>Patent & Trademark Office</i>	First Named Inventor: Raja Tuli	Group Art Unit: Unassigned
	Filing Date: August 29, 2000	

OTHER ART - NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
<i>QC</i>		International Search Report, PCT/US 01/03382, 1 pages, 2001	
<i>QC</i>		International Search Report, PCT/CA 01/00114, 3 pages, 2001	RECEIVED
<i>QC</i>		International Search Report, PCT/CA 01/00126, 3 pages, 2001	OCT 22 2003
<i>QC</i>		International Search Report, PCT/CA 01/00170, 4 pages, 2002	Technology Center 2100
<i>QC</i>		International Search Report, PCT/CA 01/00169, 3 pages, 2002	
<i>QC</i>		International Search Report, PCT/CA 02/00048, 5 pages, 2003	
<i>QC</i>		Tagawa Norio, "Data Relay System and Data Repeater Applied to the System", Patent Abstracts of Japan, vol. 1997, no. 10, June 24, 1997	
<i>QC</i>		Armando Fox et al, "Experience with Top Gun Wingman: a proxy-based graphical web browser fro the 3Com PalmPilot", <i>Middleware</i> , IFIP International Conference on Distributed Systems, Platforms and Open Distributed Processing, September 1998, pp. 407-424.	
<i>QC</i>		Richard Han, et al., "Dynamic Adaptation in an Image Transcoding Proxy for Mobile Web Browsing", <i>IEEE Personal Communication</i> , December, 1998, pp. 8-17.	
<i>QC</i>		Timothy Bickmore, et al., "Web Page Filtering and Re-Authoring for Mobile Users", <i>The Computer Journal</i> , vol. 42, no. 6, 1999	

Examiner Signature	<i>Orlina</i>	Date Considered	<i>4/19/04</i>
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OCT 20 2003 <i>PT & TRADEMARK OFFICE</i>		First Named Inventor: Raja Tuli	Group Art Unit: Unassigned
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		Number	Kind Code ² (If known)		
Q		5,925,103		Magallanes et al.	RECEIVED 07-20-1999
Q		5,444,763		Lazaridis et al.	08-22-1995
Q		5,555,241		Lazaridis et al.	OCT 22 2000 09-10-1996
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Q		5,600,790		Barnstijn et al.	02-04-1997
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Q		5,721,908		Lagarde et al.	02-24-1998
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Q		6,049,539		Lee et al.	04-11-2000
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Examiner Signature	<i>J. Hus</i>	Date Considered	4/19/04
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OCT OCT 20 2003 U.S. PATENT & TRADEMARK OFFICE PATENT & TRADEMARKS SEARCHED INDEXED MAILED Initials _____ No. _____		First Named Inventor: Raja Tuli	Group Art Unit: Unassigned
		Filing Date: August 29, 2000	

U.S. PATENT DOCUMENTS

Initials	Citation No. ¹	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)	RECEIVED	
Y		6,065,057	Rosen et al.	OCT 22 2003 Technology Center 2100	05-16-2000
C		6,118,449	Rosen et al.		09-12-2000
C		6,003,065	Yan et al.		12-14-1999
C		6,006,231	Popa		12-21-1999
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C		6,023,749	Richardson		02-08-2000
C		6,026,435	Enomoto et al.		02-15-2000
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C		6,057,857	Bloomfield		05-02-2000
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C		6,067,571	Igarashi et al.		05-23-2000
C		6,072,483	Rosin et al.		06-06-2000
C		6,073,168	Mighdoll et al.		06-06-2000
C		6,073,483	Nitecki et al.		06-13-2000

Examiner Signature	<i>John</i>	Date Considered	9/19/04
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<i>OCT 20 2003 PATENT & TRADEMARK OFFICE</i>		Filing Date: August 29, 2000	

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		Number	Kind Code ² (If known)	<i>RECEIVED OCT 22 2003 Technology Center 2100</i>	
<i>Q</i>		6,092,107		<i>Eleftheriadis et al.</i>	
<i>Q</i>		6,101,180		<i>Donahue et al.</i>	
<i>Q</i>		6,104,392		<i>Shaw et al.</i>	
<i>Q</i>		6,105,021		<i>Berstis</i>	
<i>Q</i>		6,108,655		<i>Schleimer et al.</i>	
<i>Q</i>		6,108,727		<i>Boals et al.</i>	
<i>Q</i>		6,119,135		<i>Helfman</i>	
<i>Q</i>		6,121,970		<i>Guedalia</i>	

OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
<i>Q</i>		Tristan Richardson, Quentin Stafford-Fraser, Kenneth R. Wood & Andy Hopper, "Virtual Network Computing", <i>IEEE Internet Computing</i> , Vol.2 No.1, Jan/Feb 1998 pp33-38.	
<i>Q</i>		Citrix Systems, Inc.: "Citrix Announces New Product and Product Enhancements that Speed Web Application", http://www.citrix.com/press/news/releases/20000905_product_enhance.asp , September 5, 2000.	

Examiner Signature	<i>Quesen</i>	Date Considered <i>4/19/04</i>
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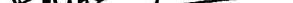
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<i>O I P E J.C.</i>		First Named Inventor: Raja Tuli	Group Art Unit: Unassigned		
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		Number Kind Code ² (If known)		RECEIVED	
<i>QC</i>	US5,925,103		Magallanes et al.	OCT 22 2003	07-20-1999
<i>QC</i>	US6,049,831		Gardell et al.	Technology Center 2100	04-11-2000
<i>QC</i>	US6,182,127		Cronin, III et al.		01-30-2001
<i>QC</i>	US6,192,393		Tarantino et al.		02-20-2001
<i>QC</i>	US6,304,928		Mairs et al.		10-16-2001
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<i>QC</i>	US6,404,416		Kahn et al.		06-11-2002
<i>QC</i>	US6,411,275		Hedberg		06-25-2002
<i>QC</i>	US6,449,639		Blumberg		09-10-2002
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Exam. Initial*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴				
C		EP	890922	A2	Watar, ITO	01-1999	

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Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²

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<i>C I P E SC</i>			First Named Inventor: Raja Tuli	Group Art Unit: Unassigned	
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<i>QC</i>	U	Boutell, T. et al., "PNG (Portable Network Graphics) Specification Version 1.0", RFC 2083, pp. 1-102, March 1997.	
<i>QC</i>	V	Halfhill, T.R., "Good-Bye GUI . . .Hello, NUI," BYTE Magazine, www.byte.com , vol. 22, no. 7, pp. 60-64, 66, 68, 70, and 72, July 1997.	
<i>QC</i>	W	Masinter, L., "Returning Values from Forms: multipart/form-data," RFC 2388, pp. 1-9, August 1998.	
<i>QC</i>	X	Jao, C.S. et al., "The display of photographic-quality images on the Web: a comparison of two technologies," IEEE Transactions on Information Technology In Biomedicine, vol. 3, iss. 1, pp. 70-73, March 1999.	
<i>QC</i>	U	Kaljuvee, O. et al., "Efficient Web form entry on PDAs," ACM Proceedings of the tenth International Conference on WWW, ACM Press, ISBN: 1-58113-348-0, pp. 663-672, May 2001.	

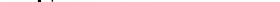
Examiner Signature	<i>QC/MS</i>	Date Considered <i>9/15/04</i>
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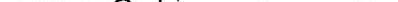
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<i>qc</i>		US5,699,255	Ellis et al.	<i>RECEIVED</i> 12-16-1997	
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<i>qc</i>		US5,831,679	Montgomery et al.	11-03-1998	
<i>qc</i>		US5,978,835	Ludwig et al.	<i>Technology Center 2100</i> 11-02-1999	
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<i>qc</i>		US6,298,162	Sutha et al.	10-02-2001	
<i>qc</i>		US6,313,880	Smyers et al.	11-06-2001	
<i>qc</i>		US6,477,143	Ginossar	11-05-2002	

OTHER ART – NO PATENT LITERATURE DOCUMENTS

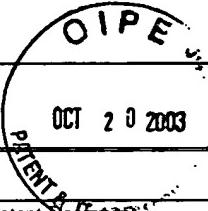
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
<i>qc</i>		Selected pages from AT&T Wireless, Bell Atlantic Mobile, and Nextel, as delivered through the Wayback Machine, web.archive.org	
<i>qc</i>		Lewis, Ted. "Information Appliances: Gadget Netopia" <i>Computer</i> , Vol. 31, issue 1, Jan. 1998, pp. 59-68	
<i>qc</i>		Cimini, Leonard J., Jr., et al. "Advanced Cellular Internet Service (ACIS)", <i>IEEE communication Magazine</i> , Vol. 36, Issue 10, Oct. 1998, pp. 150-159	

Examiner Signature	<i>J. Charles</i>	Date Considered	<i>9/19/04</i>
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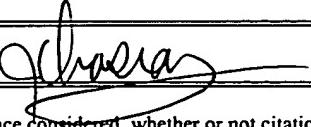
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Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
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OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
QC		Oliphant, Malcolm W. "The Mobile Phone Meets the Internet", <i>IEEE Spectrum</i> , Vol. 36, Issue 8, Aug. 1999, pp. 20-28.	
QC		Lind, R., et al. "The Network Vehicle – A Glimpse into the Future of Mobile Multi-Media", <i>IEEE ASE Systems Magazine</i> , Sep. 1999, pp. 27-32	
QC		Gbaguidi, Constant, et al. "A programmable Architecture for the Provision of Hybrid Services", <i>IEEE communications Magazine</i> , vol. 27, Issue 7, July 1999, pp. 110-116	
QC		Narayanaswamy, Shankar, et al. "User Interface for a PCS Smart Phone", <i>IEEE Int.. Conference on Multimedia Computing and Systems</i> , Vol. 1 June 1999, pp.777-781	

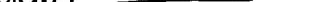
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Substitute for Form 1449A/PTO (Modified) P (use as many sheets as necessary)		Attorney Docket No.: 005965.P009	Application Number: 09/650,412
OCT 20 2003 PATENT & TRADEMARK OFFICE		First Named Inventor: Raja Tuli	Group Art Unit: Unassigned
		Filing Date: August 29, 2000	

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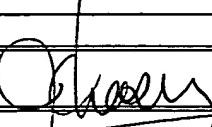
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Office ³	Number ⁴	Kind Code ⁵ (If known)					

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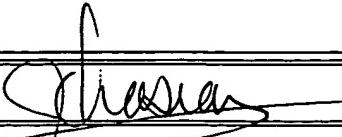
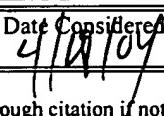
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OCT 20 2003 PATENT & TRADEMARK OFFICE			First Named Inventor: Raja Tuli	Group Art Unit: Unassigned	
			Filing Date: August 29, 2000		
Exam. Initial*	Cite No. ¹	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)		
Q		US5,161,213		Knowlton	11-03-1992
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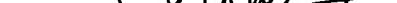
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OCT 20 2003 PATENT & TRADEMARK OFFICE		First Named Inventor: Raja Tuli	Group Art Unit: Unassigned
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Q		US6,598,087		Dixon, III et al.	07-22-2003	
Q		US6,256,750		Takeda	07-03-2001	
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Office ³	Number ⁴	Kind Code ⁵ (If known)					
Q	EP	1043876	A2	Ruberg, Alan T			
Q	WO	0033232	A2	ELG			

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Q		Rumba Technical Bulletin, "Configuring RUMBA LPR & LPD (16-bit)," 1996, from the web: 156.27.8.200/ts_rumba/solution/pdf/TCPIP/4002.pdf, pp.1-11	

Examiner Signature		Date Considered <i>9/19/09</i>
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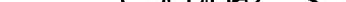
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